Refine Search

Search Results -

Terms	Documents
L2 and 564/$	46

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2 and 564/$

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Friday, August 03, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L3	L2 and 564/$	46	L3
L2	amide and sodium channel blocker	628	L2
DB=PGPB; PLUR=YES; OP=ADJ			
L1	20050228033	1	L1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 46 returned.

☐ 1. Document ID: US 20070142455 A1

L3: Entry 1 of 46 File: PGPB Jun 21, 2007

PGPUB-DOCUMENT-NUMBER: 20070142455
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070142455 A1

TITLE: N-acyl-n'-benzyl-alkylendiamino derivatives

PUBLICATION-DATE: June 21, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Thaler; Florian	Bresso		IT
Sabido David; Cibele Maria	Milan		IT
Faravelli; Laura	Bresso		IT
Gagliardi; Stefania	Baranzate Di Bollate		IT
Colombo; Elena	Bresso		IT
Salvati; Patricia	Bresso		IT

US-CL-CURRENT: 514/424; 514/630, 548/550, 564/212

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20070123468 A1

L3: Entry 2 of 46 File: PGPB May 31, 2007

PGPUB-DOCUMENT-NUMBER: 20070123468
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070123468 A1

TITLE: Prodrugs of active agents

PUBLICATION-DATE: May 31, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins; Thomas E.	La Honda	CA	US

US-CL-CURRENT: 514/17; 514/18, 514/19, 530/330, 530/331, 546/315, 548/530, 564/152

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 3. Document ID: US 20070066688 A1

L3: Entry 3 of 46 File: PGPB Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070066688
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070066688 A1

TITLE: Cyclopentyl derivatives

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Melloni; Piero	Bresso		IT
Sabido David; Cibele Maria	Milano		IT
Restivo; Alessandra	Bresso		IT
Forlani; Roberto	Baranzate Di Bollate		IT
Salvati; Patricia	Bresso		IT

US-CL-CURRENT: 514/620; 564/165

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 4. Document ID: US 20060276467 A1

L3: Entry 4 of 46 File: PGPB Dec 7, 2006

PGPUB-DOCUMENT-NUMBER: 20060276467
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060276467 A1

TITLE: Sodium channel modulators

PUBLICATION-DATE: December 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Choi; Seok-Ki	Pala Alto	CA	US
Fatheree; Paul R.	San Francisco	CA	US
Green; David C.	Pacifica	CA	US
Marquess; Daniel	Half Moon Bay	CA	US

US-CL-CURRENT: 514/231.2; 514/317, 514/408, 514/651, 544/170, 546/236, 548/571, 564/338

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

5. Document ID: US 20060211741 A1

L3: Entry 5 of 46 File: PGPB Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060211741
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060211741 A1

TITLE: Substituted sulfonylaminoarylmethyl cyclopropanecarboxamide as VR1 receptor antagonists

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hanazawa; Takeshi	Aichi-ken		JP
Hirano; Misato	Aichi-ken		JP
Inoue; Tadashi	Aichi-ken		JP
Nagayama; Satoshi	Aichi-ken		JP
Nakao; Kazunari	Aichi-ken		JP
Shishido; Yuji	Aichi-ken		JP
Tanaka; Hirotaka	Aichi-ken		JP

US-CL-CURRENT: 514/352; 514/602, 546/309, 564/91

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

6. Document ID: US 20060205980 A1

L3: Entry 6 of 46 File: PGPB Sep 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060205980
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060205980 A1

TITLE: Substituted N-sulfonylaminophenylethyl-2-phenoxyacetamide compounds as VR1 receptor antagonists

PUBLICATION-DATE: September 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hanazawa; Takeshi	Aichi-ken		JP
Hirano; Misato	Aichi-ken		JP
Inoue; Tadashi	Aichi-ken		JP
Nagayama; Satoshi	Aichi-ken		JP
Nakao; Kazunari	Aichi-ken		JP

Shishido; Yuji	Aichi-ken	JP
Tanaka; Hirotaka	Aichi-ken	JP

US-CL-CURRENT: 564/99

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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7. Document ID: US 20060205773 A1

L3: Entry 7 of 46 File: PGPB Sep 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060205773
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060205773 A1

TITLE: Amide derivatives as ion-channel ligands and pharmaceutical compositions and methods of using the same

PUBLICATION-DATE: September 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kelly; Michael G.	Thousand Oaks	CA	US
Kincaid; John	San Mateo	CA	US
Janagani; Satyanarayana	Santa Clara	CA	US
Duncton; Matthew	San Francisco	CA	US

US-CL-CURRENT: 514/313; 514/346, 514/367, 514/452, 514/620, 546/159, 546/291, 548/152, 564/170

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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8. Document ID: US 20060160805 A1

L3: Entry 8 of 46 File: PGPB Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060160805
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060160805 A1

TITLE: Thiotungstate analogues and uses thereof

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ternansky; Robert J.	San Diego	CA	US
Gladstone; Patricia L.	San Diego	CA	US
Allan; Amy L.	San Diego	CA	US
Price; Melissa L.P.	Cardiff	CA	US

Mazar; Andrew P. San Diego CA US

US-CL-CURRENT: 514/237.5; 514/357, 514/358, 514/372, 514/396, 514/408, 514/411, 514/642, 514/643, 544/170, 546/329, 546/347, 548/212, 548/335.1, 548/428, 564/282, 564/292

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 9. Document ID: US 20060100460 A1

L3: Entry 9 of 46 File: PGPB May 11, 2006

PGPUB-DOCUMENT-NUMBER: 20060100460
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060100460 A1

TITLE: Substituted N-sulfonylaminobenzyl-2-phenoxyacetamide compounds as VR1 receptor agonists

PUBLICATION-DATE: May 11, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Inoue; Tadashi	Aichi-ken		JP
Nagayama; Satoshi	Aichi-ken		JP
Nakao; Kazunari	Aichi-ken		JP

US-CL-CURRENT: 564/94; 546/229

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 10. Document ID: US 20060094880 A9

L3: Entry 10 of 46 File: PGPB May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060094880
PGPUB-FILING-TYPE: us-republication-corrected
DOCUMENT-IDENTIFIER: US 20060094880 A9

TITLE: Synthetic process for trans-aminocyclohexyl ether compounds

PUBLICATION-DATE: May 4, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050038256 A1	February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Barrett; Anthony G. M.	London		GB

Choi; Lewis S. L. Burnaby CA

US-CL-CURRENT: 546/236; 548/577, 564/339

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

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Search Results - Record(s) 11 through 20 of 46 returned.

☐ 11. Document ID: US 20050227974 A9

L3: Entry 11 of 46 File: PGPB Oct 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050227974
PGPUB-FILING-TYPE: corrected
DOCUMENT-IDENTIFIER: US 20050227974 A9

TITLE: Aminoalkyl-substituted aryl compounds and their use as sodium channel blockers

PUBLICATION-DATE: October 13, 2005

PRIOR-PUBLICATION:

DOC-ID	DATE
US 0116415 A1	June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sun, Qun	Princeton	NJ	US
Kyle, Donald J.	Newtown	PA	US

US-CL-CURRENT: 514/227.5; 514/231.2, 514/252.12, 514/317, 514/365, 514/374, 514/408, 514/524, 514/649, 544/162, 544/399 , 544/59, 546/229, 548/146, 548/215, 548/577, 564/336

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 12. Document ID: US 20050124654 A1

L3: Entry 12 of 46 File: PGPB Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050124654
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050124654 A1

TITLE: Compounds and methods of use

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY

Groneberg, Robert D.	Boulder	CO	US
Askew, Bonny C. JR.	Newbury Park	CA	US
D'Amico, Derin C.	Newbury Park	CA	US
Zhan, James	Shanghai	CO	CN
Toro, Andras	Toronto	CA	CA
Kim, Youngboo	Osaka	CA	JP
Mareska, David A.	Longmont	CA	US
Han, Nianhe	Thousand Oaks	CA	US
Fotsch, Christopher H.	Thousand Oaks	CA	US
Liu, Qingyian	Camarillo	CA	US
Riahi, Babak	Woodland Hills	CA	US
Yang, Kevin	San Gabriel	CA	US
Li, Aiwen	Westlake Village	CA	US
Yuan, Chester Chenguang	Newbury Park	CA	US
Biswas, Kaustav	Calabasas	CA	US
Harried, Scott	Woodland Hills	CA	US
Nguyen, Thomas	Thousand Oaks	CA	US
Qian, Wenyuan	Camarillo		US
Chen, Jian Jeffrey	Newbury Park		US
Nomak, Rana	Westlake Village		US

US-CL-CURRENT: 514/313; 514/419, 514/602, 546/159, 548/483, 558/410, 562/430, 564/86

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 13. Document ID: US 20050038256 A1

L3: Entry 13 of 46 File: PGPB Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050038256
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050038256 A1

TITLE: Synthetic process for trans-aminocyclohexyl ether compounds

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Barrett, Anthony G. M.	London		GB
Choi, Lewis S. L.	Burnaby		CA

US-CL-CURRENT: 546/236; 548/577, 564/339

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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14. Document ID: US 20040192731 A1

L3: Entry 14 of 46 File: PGPB Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040192731
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040192731 A1

TITLE: Ortho-substituted aryl amides for controlling invertebrate pests

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Finkelstein, Bruce Lawrence	Newark	DE	US
Lahm, George Philip	Wilmington	DE	US
Selby, Tom Paul	Wilmington	DE	US
Stevenson, Thomas Martin	Newark	DE	US

US-CL-CURRENT: 514/317; 514/424, 514/602, 514/616, 514/617, 546/216, 548/541, 564/155, 564/163, 564/86

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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15. Document ID: US 20040116415 A1

L3: Entry 15 of 46 File: PGPB Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116415
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040116415 A1

TITLE: Aminoalkyl-substituted aryl compounds and their use as sodium channel blockers

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sun, Qun	Princeton	NJ	US
Kyle, Donald J.	Newtown	PA	US

US-CL-CURRENT: 514/227.5; 514/231.2, 514/252.12, 514/317, 514/365, 514/374, 514/408, 514/524, 514/649, 544/162, 544/399 , 544/59, 546/229, 548/146, 548/215, 548/577, 564/336

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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16. Document ID: US 20040053786 A1

L3: Entry 16 of 46 File: PGPB Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040053786
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040053786 A1

TITLE: Insecticidal 1,8-naphthalenedicarboxamides

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Selby, Thomas Paul	Wilmington		DE
Sun, King-Mo	Hockessin		DE

US-CL-CURRENT: 504/249; 504/283, 504/335, 546/205, 546/226, 548/530, 564/155, 564/156, 564/74

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 17. Document ID: US 20040019087 A1

L3: Entry 17 of 46 File: PGPB Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019087
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040019087 A1

TITLE: Thiomolybdate analogues and uses thereof

PUBLICATION-DATE: January 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ternansky, Robert J.	San Diego	CA	US
Mazar, Andrew	San Diego	CA	US
Gladstone, Patricia L.	San Diego	CA	US
Coucouvanis, Dimitri	Ann Arbor	MI	US
Allan, Amy L.	Encinitas	CA	US
O'Hare, Sean M.	San Diego	CA	US
Price, Melissa L.P.	Cardiff	CA	US
Pirie-Shepherd, Steven Robert	Cardiff	CA	US
Donate, Fernando	San Diego	CA	US

US-CL-CURRENT: 514/357; 514/408, 514/642, 514/643, 546/329, 548/566, 564/281, 564/282

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 18. Document ID: US 20030158226 A1

L3: Entry 18 of 46 File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158226
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030158226 A1

TITLE: Alkyl urea retinoid agonists

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Belloni, Paula Nanette	Half Moon Bay	CA	US
Kertesz, Denis John	Mountain View	CA	US
Klaus, Michael	Weil am Rhein	NH	DE
Lapierre, Jean-Marc	Pelham		US

US-CL-CURRENT: 514/317; 514/423, 514/563, 514/585, 514/597, 514/619, 546/226, 548/530, 558/245, 562/439, 564/163, 564/27 , 564/50

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 19. Document ID: US 20030125383 A1

L3: Entry 19 of 46 File: PGPB Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030125383
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030125383 A1

TITLE: Substituted urea retinoid agonists

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Klaus, Michael	Weil am Rhein	NH	DE
Lapierre, Jean-Marc	Pelham		US

US-CL-CURRENT: 514/534; 514/317, 514/423, 514/562, 514/563, 514/565, 514/585, 514/598, 514/619, 546/205, 548/530, 560/16 , 560/34, 564/163, 564/48, 564/49

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 20. Document ID: US 20030065013 A1

L3: Entry 20 of 46 File: PGPB Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065013
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065013 A1

TITLE: Sodium channel modulators

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Choi, Seok-Ki	Palo Alto	CA	US
Fatheree, Paul R.	San Francisco	CA	US
Green, David C.	Pacifica	CA	US
Marquess, Daniel	Half Moon Bay	CA	US

US-CL-CURRENT: 514/345; 514/644, 514/718, 546/290, 564/305, 568/648

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Search Results - Record(s) 21 through 30 of 46 returned.

21. Document ID: US 20030032657 A1

L3: Entry 21 of 46 File: PGPB Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032657
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030032657 A1

TITLE: Fluoro-substituted benzenesulfonyl compounds for the treatment of inflammation

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brown, David L.	Chesterfield	MO	US
Graneto, Matthew J.	Chesterfield	MO	US
Ludwig, Cindy L.	St. Louis	MO	US
Molyneaux, John M.	St. Louis	MO	US
Talley, John J.	St. Louis	MO	US

US-CL-CURRENT: 514/336; 514/357, 514/408, 514/520, 514/602, 514/709, 546/268.1, 546/329, 546/330, 546/339, 548/577, 558/413, 564/84, 564/85, 564/86, 568/28, 568/29

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

22. Document ID: US 7226950 B2

L3: Entry 22 of 46 File: USPT Jun 5, 2007

US-PAT-NO: 7226950
DOCUMENT-IDENTIFIER: US 7226950 B2

TITLE: Sodium channel modulators

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060276467 A1	December 7, 2006

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

23. Document ID: US 7214824 B2

L3: Entry 23 of 46 File: USPT May 8, 2007

US-PAT-NO: 7214824
DOCUMENT-IDENTIFIER: US 7214824 B2

TITLE: Substituted N-sulfonylaminobenzyl-2-phenoxyacetamide compounds as VR1 receptor agonists

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060100460 A1	May 11, 2006

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

24. Document ID: US 7189865 B2

L3: Entry 24 of 46 File: USPT Mar 13, 2007

US-PAT-NO: 7189865
DOCUMENT-IDENTIFIER: US 7189865 B2

TITLE: Thiomolybdate analogues and uses thereof

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040019087 A1	January 29, 2004

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

25. Document ID: US 7115664 B2

L3: Entry 25 of 46 File: USPT Oct 3, 2006

US-PAT-NO: 7115664
DOCUMENT-IDENTIFIER: US 7115664 B2

TITLE: Peptidomimetic ligands for cellular receptors and ion channels

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050080271 A1	April 14, 2005

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

26. Document ID: US 7098223 B2

L3: Entry 26 of 46 File: USPT Aug 29, 2006

US-PAT-NO: 7098223
DOCUMENT-IDENTIFIER: US 7098223 B2

TITLE: Arylsulfanyl and heteroarylsulfanyl derivatives for treating pain

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050032746 A1	February 10, 2005

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw D

27. Document ID: US 7078407 B2

L3: Entry 27 of 46 File: USPT Jul 18, 2006

US-PAT-NO: 7078407
DOCUMENT-IDENTIFIER: US 7078407 B2

TITLE: 4-hydroxycinnamamide derivatives as antioxidants and pharmaceutical compositions containing them

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20030162789 A1	August 28, 2003

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw D

28. Document ID: US 6951860 B2

L3: Entry 28 of 46 File: USPT Oct 4, 2005

US-PAT-NO: 6951860
DOCUMENT-IDENTIFIER: US 6951860 B2

TITLE: Calcium channel blockers

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw D

29. Document ID: US 6838472 B2

L3: Entry 29 of 46 File: USPT Jan 4, 2005

US-PAT-NO: 6838472

DOCUMENT-IDENTIFIER: US 6838472 B2
** See image for Certificate of Correction **

TITLE: Substituted urea retinoid agonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 30. Document ID: US 6699884 B2

L3: Entry 30 of 46 File: USPT Mar 2, 2004

US-PAT-NO: 6699884
DOCUMENT-IDENTIFIER: US 6699884 B2
** See image for Certificate of Correction **

TITLE: Fluoro-substituted benzenesulfonyl compounds for the treatment of inflammation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

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☐ 31. Document ID: US 6673818 B2

L3: Entry 31 of 46 File: USPT Jan 6, 2004

US-PAT-NO: 6673818
DOCUMENT-IDENTIFIER: US 6673818 B2
** See image for Certificate of Correction **

TITLE: Fluoro-substituted benzenesulfonyl compounds for the treatment of inflammation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 32. Document ID: US 6646012 B2

L3: Entry 32 of 46 File: USPT Nov 11, 2003

US-PAT-NO: 6646012
DOCUMENT-IDENTIFIER: US 6646012 B2
** See image for Certificate of Correction **

TITLE: Sodium channel modulators

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 33. Document ID: US 6638947 B2

L3: Entry 33 of 46 File: USPT Oct 28, 2003

US-PAT-NO: 6638947
DOCUMENT-IDENTIFIER: US 6638947 B2
** See image for Certificate of Correction **

TITLE: Carbocyclic and heterocyclic substituted semicarbazones and thiosemicarbazones and the use thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 34. Document ID: US 6541479 B1

L3: Entry 34 of 46 File: USPT Apr 1, 2003

US-PAT-NO: 6541479
DOCUMENT-IDENTIFIER: US 6541479 B1

TITLE: Calcium channel blockers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 35. Document ID: US 6479484 B1

L3: Entry 35 of 46 File: USPT Nov 12, 2002

US-PAT-NO: 6479484
DOCUMENT-IDENTIFIER: US 6479484 B1

TITLE: Substituted 2-aminoacetamides and the use thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 36. Document ID: US 6441237 B1

L3: Entry 36 of 46 File: USPT Aug 27, 2002

US-PAT-NO: 6441237
DOCUMENT-IDENTIFIER: US 6441237 B1

TITLE: Substituted 3-phenoxy- and 3-phenylalkyloxy-2-phenyl-propylamines

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 37. Document ID: US 6420354 B1

L3: Entry 37 of 46 File: USPT Jul 16, 2002

US-PAT-NO: 6420354
DOCUMENT-IDENTIFIER: US 6420354 B1
** See image for Certificate of Correction **

TITLE: Sodium channel drugs and uses

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 38. Document ID: US 6365603 B1

L3: Entry 38 of 46 File: USPT Apr 2, 2002

US-PAT-NO: 6365603
DOCUMENT-IDENTIFIER: US 6365603 B1

TITLE: Aromatic compounds and pharmaceutical compositions containing them

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

39. Document ID: US 6313148 B1

L3: Entry 39 of 46 File: USPT Nov 6, 2001

US-PAT-NO: 6313148
DOCUMENT-IDENTIFIER: US 6313148 B1

TITLE: Aromatic amine compounds that antagnoize the pain enhancing effects of prostaglandins

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

40. Document ID: US 6281211 B1

L3: Entry 40 of 46 File: USPT Aug 28, 2001

US-PAT-NO: 6281211
DOCUMENT-IDENTIFIER: US 6281211 B1

TITLE: Substituted semicarbazides and the use thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L2 and 564/$	46

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Search Results - Record(s) 41 through 46 of 46 returned.

☐ 41. Document ID: US 6100258 A

L3: Entry 41 of 46 File: USPT Aug 8, 2000

US-PAT-NO: 6100258
DOCUMENT-IDENTIFIER: US 6100258 A

TITLE: Aromatic amine compounds that antagonize the pain enhancing effects of prostaglandins

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 42. Document ID: US 6057345 A

L3: Entry 42 of 46 File: USPT May 2, 2000

US-PAT-NO: 6057345
DOCUMENT-IDENTIFIER: US 6057345 A

TITLE: Substituted aryl and heteroaryl compounds as E-type prostaglandin antagonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 43. Document ID: US 5994353 A

L3: Entry 43 of 46 File: USPT Nov 30, 1999

US-PAT-NO: 5994353
DOCUMENT-IDENTIFIER: US 5994353 A

TITLE: Aromatic compounds and pharmaceutical compositions containing them

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 44. Document ID: US 5834468 A

L3: Entry 44 of 46 File: USPT Nov 10, 1998

US-PAT-NO: 5834468
DOCUMENT-IDENTIFIER: US 5834468 A
** See image for Certificate of Correction **

TITLE: Substituted aryl and heteroaryl compounds as E-type prostaglandin antagonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 45. Document ID: US 5811459 A

L3: Entry 45 of 46 File: USPT Sep 22, 1998

US-PAT-NO: 5811459
DOCUMENT-IDENTIFIER: US 5811459 A

TITLE: Ortho substituted aromatic compounds useful as antagonists of the pain enhancing effects of E-type prostaglandins

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 46. Document ID: US 4992446 A

L3: Entry 46 of 46 File: USPT Feb 12, 1991

US-PAT-NO: 4992446
DOCUMENT-IDENTIFIER: US 4992446 A
** See image for Certificate of Correction **

TITLE: Tricyclic quinolizine amides

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L2 and 564/$	46

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ew at:

http://www.cas.org/infopolicy.html

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Uploading C:\Program Files\Stnexp\Queries\666.str

L1 STRUCTURE UPLOADED

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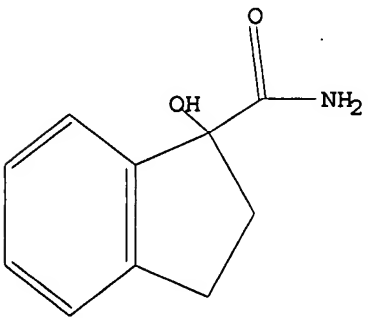
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:53:23 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 749 TO ITERATE

100.0% PROCESSED 749 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 13339 TO 16621
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

L3 0 L2

=> s l1 full
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 15:53:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 14074 TO ITERATE

100.0% PROCESSED 14074 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

L4 7 SEA SSS FUL L1

L5 12 L4

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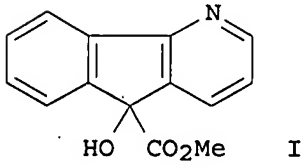
21892452 PY<2002
L6 12 L5 AND PY<2002

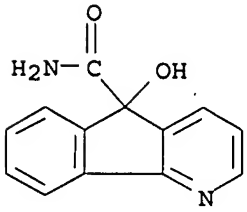
=> d 1-12 ibib abs hitstr

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:658540 CAPLUS
DOCUMENT NUMBER: 123:227966
TITLE: Synthetic routes to indenopyridine analogs of morphactins
AUTHOR(S): Braven, J.; Hanson, R. W.; Smith, N. G.
CORPORATE SOURCE: Faculty of Science, University of Plymouth, Devon, UK
SOURCE: Journal of Heterocyclic Chemistry (1995), 32(3), 1051-5
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

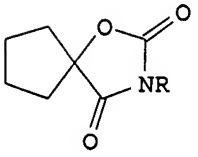


I

AB Investigation of a number of synthetic routes to aza analogs of morphactins led to the synthesis of indenopyridine I and the corresponding carboxamide.
IT 168128-25-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthetic routes to indenopyridine analogs of morphactins)
RN 168128-25-4 CAPLUS
CN 5H-Indeno[1,2-b]pyridine-5-carboxamide, 5-hydroxy- (9CI) (CA INDEX NAME)



L6 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1983:438398 CAPLUS
DOCUMENT NUMBER: 99:38398
TITLE: Synthesis and structural study of cyclopentane, indene and fluorene spiro-derivatives
AUTHOR(S): Galvez, E.; Trigo, G. G.; Martinez, M.; Cabezas, N.
CORPORATE SOURCE: Fac. Farm., Univ. Complutense, Madrid, 3, Spain
SOURCE: Journal of Heterocyclic Chemistry (1983), 20(1), 13-16
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 99:38398
GI



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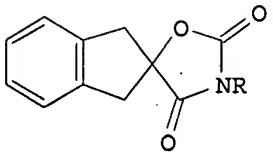
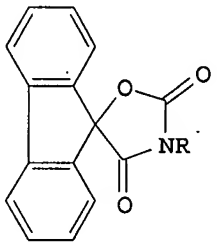
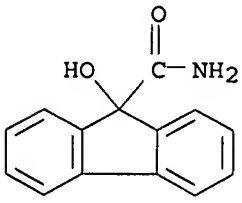


II



III

AB Title compds. I-III [R = N-(diphenylmethyl)piperazinomethyl, PhCH2N(Ph)CH2] were prepared from cyclopentanone, 2-indanone, and 9-hydroxyfluorene-9-carboxylic acid (IV), resp. E.g., IV was converted to carboxamide which was treated with (EtO)2CO to give III (R = H). Mannich reaction of III (R = H) with PhNHCH2Ph gave III [R = PhCH2N(Ph)CH2].
IT 75072-06-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclocondensation of, with carbonate, oxazolidine from)
RN 75072-06-9 CAPLUS
CN 9H-Fluorene-9-carboxamide, 9-hydroxy- (9CI) (CA INDEX NAME)



L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:567829 CAPLUS
DOCUMENT NUMBER: 93:167829
TITLE: Synthesis of α-hydroxy amides via the cyanosilylation of aromatic ketones
AUTHOR(S): Grunewald, Gary L.; Brouillette, Wayne J.; Finney, Jay A.
CORPORATE SOURCE: Dep. Med. Chem., Univ. Kansas, Lawrence, KS, 66045, USA
SOURCE: Tetrahedron Letters (1980), 21(13), 1219-20

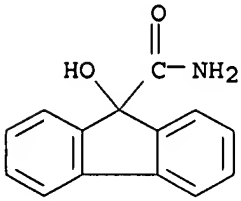
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 93:167829

AB Hydrolysis of the trimethylsilyl ethers of cyanohydrins of aryl alkyl and diaryl ketones with HCl or HNO3/HCO2H gave the corresponding α-hydroxy amides. E.g., PhCOEt reacted sequentially with Me3SiCN in the presence of ZnI2 and HCl giving 75-90% PhC(OH)EtCONH2. Similar reaction was observed for 9-fluorenone.

IT 75072-06-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by cyanosilylation-hydrolysis of aromatic ketone)

RN 75072-06-9 CAPLUS

CN 9H-Fluorene-9-carboxamide, 9-hydroxy- (9CI) (CA INDEX NAME)



L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

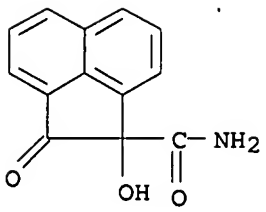
ACCESSION NUMBER: 1979:473961 CAPLUS
DOCUMENT NUMBER: 91:73961
TITLE: Base-catalyzed carbon-to-oxygen acyl rearrangement via an aromatic transition state
AUTHOR(S): Miller, Arnold R.
CORPORATE SOURCE: Sch. Chem. Sci., Univ. Illinois, Urbana, IL, USA
SOURCE: Journal of Organic Chemistry (1979), 44(12), 1931-3
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Homologs of 2-hydroxyacenaphthenone (e.g., acenaphthenequinone cyanohydrin) undergo facile base-catalyzed C-to-O acyl rearrangement to peri ring-expanded naphthalides. The rearrangement is catalyzed by nonnucleophilic bases (e.g., 1,5-diazabicyclo[5.4.0]undec-5-ene), and the naphthalide product can be crystallized directly from the reaction mixture under hydroxide catalysis. Consequently, the reaction does not proceed via nucleophile-induced peri-ring cleavage to an intermediate hydroxynaphthoic acid followed by lactonization. An alternative mechanism is proposed that involves base-catalyzed formation of an intermediate α-oxanol followed by bridgehead C-C bond cleavage to an aromatic carbanion isoelectronic with the 14 π-electron phenalenyl carbanion.

IT 69517-49-3
RL: PRP (Properties)
(acyl rearrangement of, aromatic transition-state structure for)

RN 69517-49-3 CAPLUS

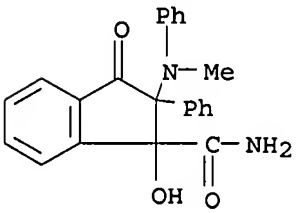
CN 1-Acenaphthylenecarboxamide, 1,2-dihydro-1-hydroxy-2-oxo- (9CI) (CA INDEX NAME)



L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1963:27078 CAPLUS
DOCUMENT NUMBER: 58:27078
ORIGINAL REFERENCE NO.: 58:4486a-b
TITLE: Conversion of namakochrome into Spinochrome E
AUTHOR(S): Yamaguchi, Masaru; Mukai, Toshihiko; Tsumaki, Tokuichi
SOURCE: Memoirs of the Faculty of Science, Kyushu University, Series C: Chemistry (1961), C 4(No. 3), 193-5
CODEN: MFKCAL; ISSN: 0085-2635
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB The relationship of namakochrome, 2-methoxy-3,5,6,7,8-pentahydroxynaphthoquinone (I), to Spinochrome E, hexahydroxy-1,4-naphthoquinone (II), was shown by conversion of I into II with HBr and conversion of II into I with CH2N2. I (35 mg.) boiled gently with 20 cc. HBr solution (sp. gr. 1.48) 5 min., the red solution cooled, diluted with H2O, the precipitate filtered off, recrystd. from HOAc or MeOH, and dried in vacuo at 100° gave 25 mg. II, m. above 300°. The tetramethyl derivative of II prepared with CH2N2, m. 185-7°, was shown to be identical with the trimethyl derivative of I by mixed m.p. II in MeOH treated with Et2O solution of CH2N2, dried in vacuo, and paper chromatographed (developer, 98% HCO2H) gave the following Rf values: 0.86, tetramethyl derivative of II; 0.74, 0.61, I; 0.43, II. Hexaacetyl derivative of II m. 189°.

IT 96262-49-6
(Derived from data in the 7th Collective Formula Index (1962-1966))
RN 96262-49-6 CAPLUS
CN 1-Indancarboxamide, 1-hydroxy-2-(N-methylanilino)-3-oxo-2-phenyl- (7CI) (CA INDEX NAME)



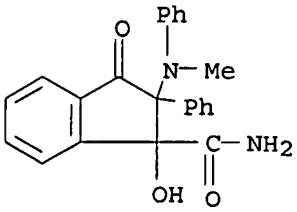
L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1963:27077 CAPLUS
DOCUMENT NUMBER: 58:27077
ORIGINAL REFERENCE NO.: 58:4485e-h,4486a
TITLE: Oxidative and oxidative-hydrolytic transformations of organic molecules. XXXV. Synthesis and properties of polyfunctional substituted indans
AUTHOR(S): Shchukina, L. A.; Semkin, E. P.
SOURCE: Zhurnal Obshchei Khimii (1962), 32, 483-93
CODEN: ZOKHA4; ISSN: 0044-460X

DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

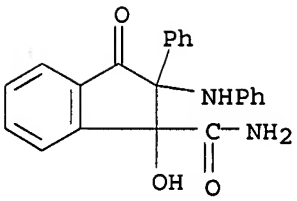
AB Oxidative hydrolysis of hydroxynaphthoquinones and polycarbonyl cyclic compds. may be used to form polyfunctional indans. Keeping 2-substituted-2-chloro(or bromo)-3,3-dihydroxydihydro-1,4-naphthoquinones in dilute aqueous or aqueous MeOH solution of NaOH 5-10 min. at -2° (or 20° for the last 3 substances) gave after acidification I (R, R', and m.p. given): Me, OH (Ia), 124-6°; Ph, OH, 124-6°; o-MeC6H4, HO (Ib), 170-1°; Ph, MeO, 97-9°; o-MeC6H4, MeO (Ic), 133°. The last 3 compds. were also prepared similarly from 2-substituted 2-halodihydro-1,3,4-trioxonaphthalenes or o-R'OCOCC6H4COCHRX (II). Ia was also prepared from 2-methyl-1-indenone-3-carboxylic acid and H2O2. Ic was prepared by esterification of Ib. II (R = Me, R' = NH2, X = Cl) in 30% NH4OH 15 min. at 40° gave I (R = Me, R' = NH2), m. 189-90°. Similarly were prepared I (R = Ph, R' = NH2), m. 213°, and I (R = o-MeC6H4, R' = NH2), m. 187°. I had the oxidizing capacity of 0.94-0.99 moles per mole when allowed to react with KI. I (R = Me, R' = OH) and alc. HCl 8hrs. at reflux gave III (R' = OH, X = Cl), m. 180-1° (decomposition); similarly I (R = Me, R' = OH) with HBr in Et2O in the presence of H2SO4 gave the Br analog, m. 182° (decomposition), while heating III (R' = OH, X = Cl) with MeOH in the presence of H2SO4 gave III (R' = X = OMe), m. 104-6°. I (R = Ph, R' = OH) similarly gave o-(α-chloro-α-phenylacetyl)phenylglyoxylic acid, m. 142° IV (R' = OH, X = Br) (V), m. 164°; and IV (R' = X = OMe), m. 169-70°, resp. V and aqueous alc. HIO4 gave 2-bromo-2-phenyl-1,3-indandione, while V and 2% aqueous NaOH at 0° in 5 min. gave 2-phenyl-1,3-indandione. o-Phenylacetylphenylglyoxylic acid and Br in Et2O under illumination gave V. PhNH2 and I (R = Ph, R' = OMe) in 8 hrs. at 100° gave 2-phenyl-1,3-indandione anil, m. 212°. Similarly I (R = Ph, R' = NH2) gave IV (R' = NH2, X = PhNH), m. 198-200° (decomposition), while a similar reaction with PhNHMe gave IV (R' = NH2, X = PhNMe), m. 171-3° (decomposition), which does not react with HIO4.

IT 96262-49-6P, 1-Indancarboxamide, 1-hydroxy-2-(N-methylanilino)-3-oxo-2-phenyl- 96266-24-9P, 1-Indancarboxamide, 2-anilino-1-hydroxy-3-oxo-2-phenyl-
RL: PREP (Preparation)
(preparation of)

RN 96262-49-6 CAPLUS
CN 1-Indancarboxamide, 1-hydroxy-2-(N-methylanilino)-3-oxo-2-phenyl- (7CI) (CA INDEX NAME)



RN 96266-24-9 CAPLUS
CN 1-Indancarboxamide, 2-anilino-1-hydroxy-3-oxo-2-phenyl- (7CI) (CA INDEX NAME)



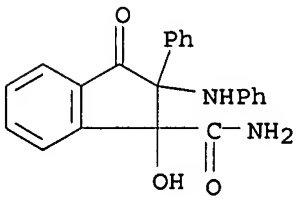
L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1963:27076 CAPLUS
DOCUMENT NUMBER: 58:27076
ORIGINAL REFERENCE NO.: 58:4484g-h,4485a-e
TITLE: Oxidative and oxidative-hydrolytic transformations of organic molecules. XXXIV. Synthesis, properties, and hydrolytic conversions of halo and hydroxy triketones of the tetrahydronaphthalene series
AUTHOR(S): Shchukina, L. A.; Semkin, E. P.
SOURCE: Zhurnal Obshchei Khimii (1962), 32, 473-83
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
GI For diagram(s), see printed CA Issue.
AB cf. Chemical Ber. 94, 1697(1961); CA 53, 21783c. Passage of Cl into H2O-CHCl3 suspension of 2-hydroxy-3-methyl-1,4-naphthoquinone gave after treating with activated C and allowing the filtered solution to stand overnight Ia (R2 = R3 = OH, R1 = Cl, R = Me). Similarly was prepared Ia (R2 = R3 = OH, R1 = Cl, R = Ph) (I), m. 86-8°, while Ia (R2 = H, R3 = OH, R1 = H, R = o-tolyl) treated similarly gave Ia [R = o-tolyl, R1 = Cl, (R2R3 =) O], m. 170-2°, formed by dehydration of the diol intermediate. I heated in vacuo to 130° gave Ia [R = Ph, R1 = Cl, (R2R3 =) O] (II), m. 153°. Similar reaction with Br converted the hydroxynaphthoquinones into 76% Ia (R = Me, R1 = Br, R2 = R3 = OH) (III), m. 99-101°; 2-phenyl analog of Ia (R = Ph, R1 = Br, R2 = R3 = OH) (IV) m. 110-2°; and Ia [R = o-tolyl, R1 = Br, R2R3 =) O] (V) m. 155-6°. These have the oxidizing capacity of 0.94-0.98 mole per mole on treatment with KI in AcOH at 100°. II or its diol analog reacted with o-C6H4(NH2)2 to give 62% VI, m. 174-5°. II and AgOAc at 200° gave 2-phenyl-2-acetoxy-1,3,4-trihydroxytetrahydronaphthalene, m. 143-4°, which with o-phenylenediamine gave the quinoxaline derivative, C24H16O3N2, m. 209°. II or its diol analog boiled 3 min. in H2O gave o-HO2COCC6H4COCHPhCl (VII) monohydrate, m. 144°, which was converted to the anhydrous form in vacuo at 130°, m. 183-4°; Me ester m. 166°. The acid existed in tautomeric equilibrium with a cyclic form. IV and aqueous NH4OH-Me2CO in 5 min. gave o-HO2COCC6H4COCHPhBr monohydrate, m. 139-40°; anhydrous m. 147-9°. This was initially contaminated with some Ia (R = H, R1 = Ph, R2 = H, R3 = OH). Refluxing V with aqueous dioxane 10 min. gave 53% o-HO2COCC6H4COCHClC6H4Me-o (VIII), m. 189°; similarly was prepared 55% the bromo analog, m. 164°. Heating the acid prepared from Ia (R2 = R3 = OH, R1 = Cl, R = Me) with MeOH in the presence of H2SO4 gave 77% o-MeO2COCC6H4COCHClMe, m. 100-1°. VII formed a 1:1 salt with o-C6H4(NH2)2, m. 155°. VII refluxed in H2O in a stream of CO2-free air 3 hrs. gave 89% CO2 and 68% IX (R = Ph, R1 = H), m. 146°; reaction run under N atmospheric gave 87% CO2 and 62% IX (R = Ph, R1 = H). VIII similarly gave 71% IX (R = o-tolyl, R1 = H), m. 170°. o-HO2COCC6H4COCHMeCl and CrO3 in H2O gave IX (R = Cl, R1 = Me), m. 81-3°. VII was oxidized with CrO3 in aqueous AcOHH2SO4 to 66% IX (R = Cl, R1 = Ph), m. 116°, while oxidation with HIO4 gave a 62% yield.

HIO4 oxidation of the Br analog gave 47% IX (R = Br, R1 = Ph), m. 105-6°. III and NH3 in Me2CO stirred 5 min. then treated with aqueous H2SO4 gave 90% Ia (R = Me, R1 = OH, (R2R3 =) O] (X), m. 117-19° (decomposition), which readily reacted with aqueous KI to give 89% iodine and 2-methyl-3-hydroxy-1,4-naphthoquinone, while with o-C6H4(NH2)2 X gave the previously reported quinoxaline derivative, m. 187-9° (cf. CA 43, 7009g). X boiled with H2O 15 min. gave 77% o-HO2COCC6H4COCH(OH)Me, m. 231°; X and aqueous alc. NaOH kept 3 min., then acidified, evaporated and extracted with Et2O, gave 67% same acid. X is the first example of a cyclic hydroxypolycarbonyl substance. It is believed that the oxidizing ability of X was connected with intermediate formation of an epoxy ring between 2- and 3-positions from the elements of the HO and the carbonyl groups, which, if true, is a novel reaction type. The hydrolytic conversions of X are believed to proceed through a hydrated intermediate of possibly a triol type.

IT 96266-24-9
(Derived from data in the 7th Collective Formula Index (1962-1966))

RN 96266-24-9 CAPLUS

CN 1-Indancarboxamide, 2-anilino-1-hydroxy-3-oxo-2-phenyl- (7CI) (CA INDEX NAME)



L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1963:27075 CAPLUS

DOCUMENT NUMBER: 58:27075

ORIGINAL REFERENCE NO.: 58:4484f-g

TITLE: 1,2-Dihydronaphthalene from 1,2,3,4-tetrahydro-1-naphthyl hydroperoxide

AUTHOR(S): Naumova, S. F.; Kovaleva, V. N.; Zhavnerko, K. A.

SOURCE: Doklady Akademii Nauk BSSR (1961), 5(No. 3), 109-11
CODEN: DBLRAC; ISSN: 0002-354X

DOCUMENT TYPE: Journal

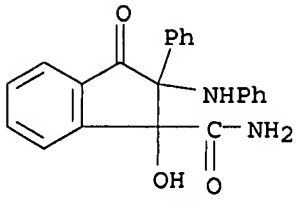
LANGUAGE: Unavailable

AB Through 408.1 g. Tetralin (I) and 0.4 g. of Mn resinate at 65-70° was passed O (5 l./hr., dried over ascarite, H2SO4, and CaCl2), and resinate (0.15, 0.15, 0.12 g.) added at 6, 18, and 18 hrs., resp.; after 38-40 hrs. the mixture weighed 445 g. (d20 1.0382, n20D 1.5505) and was 34-5% Tetralin hydroperoxide by iodometry. The mixture was reduced by addition to 230 g. Na2S.9H2O in 750 ml. of water cooled to 0°, the temperature kept at 7-8° 6-7 hrs., and the organic product extracted with Et2O to yield 230.9 g. unreacted I, b3 58-62°, and 132.92 g. (96.7%) 1,2,3,4-tetrahydro-1-naphthol (II), b3 106-10°, d20 1.0924, n20D 1.5669. MgSO4 (67.2 g., calcined below 200°) and 56.03 g. II was heated at 130-40° and the product, b11 74-84°, redistd. to give 37.52 g. (76.3%) 1,2-dihydronaphthalene, b3 58.5-60°, n20D 1.5829, d20 0.9970.

IT 96266-24-9
(Derived from data in the 7th Collective Formula Index (1962-1966))

RN 96266-24-9 CAPLUS

CN 1-Indancarboxamide, 2-anilino-1-hydroxy-3-oxo-2-phenyl- (7CI) (CA INDEX NAME)

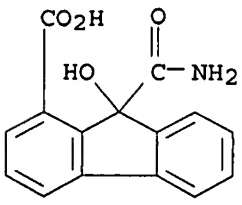


L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1961:76031 CAPLUS
DOCUMENT NUMBER: 55:76031
ORIGINAL REFERENCE NO.: 55:14399a-d
TITLE: Fluorene-1,9-dicarboxylic acid. A contribution to the theory of the cyanohydrin synthesis
AUTHOR(S): Kuhn, Richard; Breyer, Ursula
CORPORATE SOURCE: Max-Planck-Inst. Med. Forschung, Heidelberg, Germany
SOURCE: Chemische Berichte (1961), 94, 742-4
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 55:76031

AB Fluorenone-1-carboxylic acid (I) adds readily HCN to yield the cyanohydrin (II), in contrast to fluorenone. The acid hydrolysis of II yielded the 9-OH derivative (III) of fluorene-1,9-dicarboxylic acid (IV) which was reduced with iodine and red P in AcOH to IV in 78% yield. I (15 g.) in 100 cc. C5H5N treated with 20 cc. anhydrous HCN, the mixture kept at 50° in vacuo, refluxed 15 hrs. with 100 cc. AcOH, 40 cc. H2O, and 60 cc. concentrated HCl, and evaporated in vacuo, the residue treated with 750 cc. hot H2O, and the yellow solution decanted, cooled to 40° to deposit some I and then to 0° gave 9.8 g. III.H2O, m. 182-9° (H2O). III.H2O oxidized with CrO3 in AcOH gave I, m. 191-3°. III.H2O (500 mg.) in 10 cc. absolute MeOH treated 10 min. with dry HCl, kept 2 days, and worked up gave 420 mg. di-Me ester of III, needles, m. 170-2° (C6H6-petr. ether). II heated 3 hrs. with AcOH-HCl on the steam bath gave 70% monoamide of III.H2O, m. 215°. III.H2O (5 g.) in 50 cc. AcOH refluxed 4 hrs. with 300 mg. iodine and 1 g. red P and filtered hot into 500 mg. NaHSO3 in 200 cc. H2O gave 3.5 g. IV, m. 244-7° (with sintering from 225°) (AcOH); it sublimed without decomposition at 200°/0.0004 mm.; di-Me ester of IV m. 118-18.5° (MeOH or cyclohexane). IV recrystd. from C6H6 gave leaflets of IV.0.5C6H6, and from CHCl3 containing a little MeOH plates of IV.CHCl3.

IT 107918-08-1P, Fluorene-1-carboxylic acid, 9-carbamoyl-9-hydroxy-
RL: PREP (Preparation)
(preparation of)

RN 107918-08-1 CAPLUS
CN Fluorene-1-carboxylic acid, 9-carbamoyl-9-hydroxy- (6CI) (CA INDEX NAME)

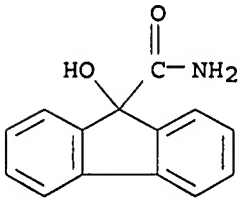


L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1958:45371 CAPLUS
DOCUMENT NUMBER: 52:45371

ORIGINAL REFERENCE NO.: 52:8111c-e
TITLE: Reactions of magnesylamines. II. Synthesis and properties of arylamides of 9-hydroxyfluorene-9-carboxylic acid
AUTHOR(S): Petyunin, P. A.; Berdinskii, I. S.
CORPORATE SOURCE: Pharm. Inst., Perm
SOURCE: Zhurnal Obshchei Khimii (1957), 27, 2999-3001
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 52:45371

AB cf. C.A. 49, 4551h. Heating 9-hydroxyfluorene-9-carboxylic acid with MeOH in presence of H_2SO_4 3 hrs. gave 81.1% Me ester, m. 158-9°, which (1.4 g.) added to $PhN(MgBr)_2$ from 0.82 g. $PhNH_2$ and EtMgBr and refluxed 0.5 hr. gave 83.3% 9-hydroxyfluorene-9-carboxanilide, m. 201-2°. Similar use of p-toluidine gave the p-toluidide, 95.1%, m. 207-8.5°; similarly were prepared: 78% p-anisidide, m. 208-9.5°; 85.2 p-chloroanilide, m. 224-6°; 83.1% p-bromoanilide, m. 220-2°; 77.8% 2-naphthalide, m. 220-1°.

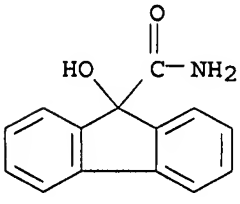
IT 75072-06-9, Fluorene-9-carboxamide, 9-hydroxy- (N-aryl derivs.)
RN 75072-06-9 CAPLUS
CN 9H-Fluorene-9-carboxamide, 9-hydroxy- (9CI) (CA INDEX NAME)



L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1958:45370 CAPLUS
DOCUMENT NUMBER: 52:45370
ORIGINAL REFERENCE NO.: 52:8111c
TITLE: Polymerization of styrene under the influence of diazoamino compounds and activators
AUTHOR(S): Vinogradov, P. A.
SOURCE: Zhurnal Obshchei Khimii (1956), 26, 3205-13
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: English

AB See C.A. 51, 8040g.

IT 75072-06-9, Fluorene-9-carboxamide, 9-hydroxy- (N-aryl derivs.)
RN 75072-06-9 CAPLUS
CN 9H-Fluorene-9-carboxamide, 9-hydroxy- (9CI) (CA INDEX NAME)



L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1958:45369 CAPLUS
DOCUMENT NUMBER: 52:45369
ORIGINAL REFERENCE NO.: 52:8111b-c
TITLE: Synthesis of steroid compounds and substances related to them. XXXVIII. Analogs of doisynolic acid not containing ring B
AUTHOR(S): Nazarov, I. N.; Zav'yalov, S. I.
SOURCE: Bulletin of the Academy of Sciences of the USSR, Division of Chemical Science (English Translation) (1956) 1493-7
CODEN: BACCAT; ISSN: 0568-5230
DOCUMENT TYPE: Journal
LANGUAGE: English
AB See C.A. 51, 8663e.
IT 75072-06-9, Fluorene-9-carboxamide, 9-hydroxy- (N-aryl derivs.)
RN 75072-06-9 CAPLUS
CN 9H-Fluorene-9-carboxamide, 9-hydroxy- (9CI) (CA INDEX NAME)